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|  |   |   |   |  |                           |                                       |
|--|---|---|---|--|---------------------------|---------------------------------------|
| <b>PATENT APPLICATION FEE DETERMINATION RECORD</b>                                       |   |   |   | Application or Docket Number<br>09/863,593       | Filing Date<br>05/23/2001 | <input type="checkbox"/> To be Mailed |
| <b>APPLICATION AS FILED – PART I</b>   |   |   |   | OTHER THAN<br>SMALL ENTITY                       |                           |                                       |
| (Column 1)   |   | (Column 2)  |   | SMALL ENTITY <input checked="" type="checkbox"/> |                           | OR                                    |
| FOR  | NUMBER FILED                              | NUMBER EXTRA  | RATE (\$)                                   | FEE (\$)   | RATE (\$)                 | FEE (\$)                              |
| <input type="checkbox"/> BASIC FEE<br>(37 CFR 1.16(a), (b), or (c))                      | N/A                                       | N/A   | N/A   | N/A  | N/A                       | N/A                                   |
| <input type="checkbox"/> SEARCH FEE<br>(37 CFR 1.16(b), (f), or (m))                     | N/A                                       | N/A   | N/A   | N/A  | N/A                       | N/A                                   |
| <input type="checkbox"/> EXAMINATION FEE<br>(37 CFR 1.16(a), (g), or (s))                | N/A                                       | N/A   | N/A   | N/A  | N/A                       | N/A                                   |
| TOTAL CLAIMS<br>(37 CFR 1.16(j))   | minus 20 =                                | *   | X \$ =                                      | X \$ =   | X \$ =                    | X \$ =                                |
| INDEPENDENT CLAIMS<br>(37 CFR 1.16(h))   | minus 3 =                                 | *   | X \$ =                                      | X \$ =   | X \$ =                    | X \$ =                                |
| <input type="checkbox"/> APPLICATION SIZE FEE<br>(37 CFR 1.16(s))                        |   | If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). |   |  |                           |                                       |
| <input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))               |   |   |   |  |                           |                                       |
| * If the difference in column 1 is less than zero, enter "0" in column 2.                |   |   |   | TOTAL  | TOTAL                     |                                       |
| <b>APPLICATION AS AMENDED – PART II</b>  |   |   |   |  |                           |                                       |
| (Column 1)   |   | (Column 2)  |   | OTHER THAN<br>SMALL ENTITY                       |                           |                                       |
| AMENDMENT  | 03/07/2008                                | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT   | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR | SMALL ENTITY                                     |                           |                                       |
|  | Total (37 CFR 1.16(h))                    | * 19  | Minus                                       | ** 47  | = 0                       | OR                                    |
| Independent (37 CFR 1.16(h))   | * 11                                      | Minus   | *** 12                                      | = 0  | X \$ =                    | X \$ =                                |
| <input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))                           |   |   |   |  |                           |                                       |
| <input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) |   |   |   |  |                           |                                       |
| (Column 1)   |   |   |   | (Column 2)                                       |                           |                                       |
| AMENDMENT  | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR   | PRESENT<br>EXTRA                            | RATE (\$)  | ADDITIONAL<br>FEE (\$)    | RATE (\$)                             |
|  | Total (37 CFR 1.16(h))                    | * *   | Minus                                       | **   | = =                       | ADDITIONAL<br>FEE (\$)                |
| Independent (37 CFR 1.16(h))   | * *                                       | Minus   | ***   | = =  | X \$ =                    | X \$ =                                |
| <input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))                           |   |   |   |  |                           |                                       |
| <input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) |   |   |   |  |                           |                                       |
| (Column 1)   |   |   |   | (Column 2)                                       |                           |                                       |
| AMENDMENT  | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR   | PRESENT<br>EXTRA                            | RATE (\$)  | ADDITIONAL<br>FEE (\$)    | RATE (\$)                             |
|  | Total (37 CFR 1.16(h))                    | * *   | Minus                                       | **   | = =                       | ADDITIONAL<br>FEE (\$)                |
| Independent (37 CFR 1.16(h))   | * *                                       | Minus   | ***   | = =  | X \$ =                    | X \$ =                                |
| <input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))                           |   |   |   |  |                           |                                       |
| <input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) |   |   |   |  |                           |                                       |
| (Column 1)   |   |   |   | (Column 2)                                       |                           |                                       |
| AMENDMENT  | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR   | PRESENT<br>EXTRA                            | RATE (\$)  | ADDITIONAL<br>FEE (\$)    | RATE (\$)                             |
|  | Total (37 CFR 1.16(h))                    | * *   | Minus                                       | **   | = =                       | ADDITIONAL<br>FEE (\$)                |
| Independent (37 CFR 1.16(h))   | * *                                       | Minus   | ***   | = =  | X \$ =                    | X \$ =                                |
| <input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))                           |   |   |   |  |                           |                                       |
| <input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) |   |   |   |  |                           |                                       |
| (Column 1)   |   |   |   | (Column 2)                                       |                           |                                       |
| AMENDMENT  | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR   | PRESENT<br>EXTRA                            | RATE (\$)  | ADDITIONAL<br>FEE (\$)    | RATE (\$)                             |
|  | Total (37 CFR 1.16(h))                    | * *   | Minus                                       | **   | = =                       | ADDITIONAL<br>FEE (\$)                |
| Independent (37 CFR 1.16(h))   | * *                                       | Minus   | ***   | = =  | X \$ =                    | X \$ =                                |
| <input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))                           |   |   |   |  |                           |                                       |
| <input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) |   |   |   |  |                           |                                       |
| (Column 1)   |   |   |   | (Column 2)                                       |                           |                                       |
| AMENDMENT  | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR   | PRESENT<br>EXTRA                            | RATE (\$)  | ADDITIONAL<br>FEE (\$)    | RATE (\$)                             |
|  | Total (37 CFR 1.16(h))                    | * *   | Minus                                       | **   | = =                       | ADDITIONAL<br>FEE (\$)                |
| Independent (37 CFR 1.16(h))   | * *                                       | Minus   | ***   | = =  | X \$ =                    | X \$ =                                |
| <input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))                           |   |   |   |  |                           |                                       |
| <input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) |   |   |   |  |                           |                                       |
| (Column 1)   |   |   |   | (Column 2)                                       |                           |                                       |
| AMENDMENT  | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR   | PRESENT<br>EXTRA                            | RATE (\$)  | ADDITIONAL<br>FEE (\$)    | RATE (\$)                             |
|  | Total (37 CFR 1.16(h))                    | * *   | Minus                                       | **   | = =                       | ADDITIONAL<br>FEE (\$)                |
| Independent (37 CFR 1.16(h))   | * *                                       | Minus   | ***   | = =  | X \$ =                    | X \$ =                                |
| <input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))                           |   |   |   |  |                           |                                       |
| <input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) |   |   |   |  |                           |                                       |
| (Column 1)   |   |   |   | (Column 2)                                       |                           |                                       |
| AMENDMENT  | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR   | PRESENT<br>EXTRA                            | RATE (\$)  | ADDITIONAL<br>FEE (\$)    | RATE (\$)                             |
|  | Total (37 CFR 1.16(h))                    | * *   | Minus                                       | **   | = =                       | ADDITIONAL<br>FEE (\$)                |
| Independent (37 CFR 1.16(h))   | * *                                       | Minus   | ***   | = =  | X \$ =                    | X \$ =                                |
| <input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))                           |   |   |   |  |                           |                                       |
| <input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) |   |   |   |  |                           |                                       |
| (Column 1)   |   |   |   | (Column 2)                                       |                           |                                       |
| AMENDMENT  | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR   | PRESENT<br>EXTRA                            | RATE (\$)  | ADDITIONAL<br>FEE (\$)    | RATE (\$)                             |
|  | Total (37 CFR 1.16(h))                    | * *   | Minus                                       | **   | = =                       | ADDITIONAL<br>FEE (\$)                |
| Independent (37 CFR 1.16(h))   | * *                                       | Minus   | ***   | = =  | X \$ =                    | X \$ =                                |
| <input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))                           |   |   |   |  |                           |                                       |
| <input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) |   |   |   |  |                           |                                       |
| (Column 1)   |   |   |   | (Column 2)                                       |                           |                                       |
| AMENDMENT  | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR   | PRESENT<br>EXTRA                            | RATE (\$)  | ADDITIONAL<br>FEE (\$)    | RATE (\$)                             |
|  | Total (37 CFR 1.16(h))                    | * *   | Minus                                       | **   | = =                       | ADDITIONAL<br>FEE (\$)                |
| Independent (37 CFR 1.16(h))   | * *                                       | Minus   | ***   | = =  | X \$ =                    | X \$ =                                |
| <input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))                           |   |   |   |  |                           |                                       |
| <input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) |   |   |   |  |                           |                                       |
| (Column 1)   |   |   |   | (Column 2)                                       |                           |                                       |
| AMENDMENT  | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR   | PRESENT<br>EXTRA                            | RATE (\$)  | ADDITIONAL<br>FEE (\$)    | RATE (\$)                             |
|  | Total (37 CFR 1.16(h))                    | * *   | Minus                                       | **   | = =                       | ADDITIONAL<br>FEE (\$)                |
| Independent (37 CFR 1.16(h))   | * *                                       | Minus   | ***   | = =  | X \$ =                    | X \$ =                                |
| <input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))                           |   |   |   |  |                           |                                       |
| <input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) |   |   |   |  |                           |                                       |
| (Column 1)   |   |   |   | (Column 2)                                       |                           |                                       |
| AMENDMENT  | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR   | PRESENT<br>EXTRA                            | RATE (\$)  | ADDITIONAL<br>FEE (\$)    | RATE (\$)                             |
|  | Total (37 CFR 1.16(h))                    | * *   | Minus                                       | **   | = =                       | ADDITIONAL<br>FEE (\$)                |
| Independent (37 CFR 1.16(h))   | * *                                       | Minus   | ***   | = =  | X \$ =                    | X \$ =                                |
| <input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))                           |   |   |   |  |                           |                                       |
| <input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) |   |   |   |  |                           |                                       |
| (Column 1)   |   |   |   | (Column 2)                                       |                           |                                       |
| AMENDMENT  | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR   | PRESENT<br>EXTRA                            | RATE (\$)  | ADDITIONAL<br>FEE (\$)    | RATE (\$)                             |
|  | Total (37 CFR 1.16(h))                    | * *   | Minus                                       | **   | = =                       | ADDITIONAL<br>FEE (\$)                |
| Independent (37 CFR 1.16(h))   | * *                                       | Minus   | ***   | = =  | X \$ =                    | X \$ =                                |
| <input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))                           |   |   |   |  |                           |                                       |
| <input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) |   |   |   |  |                           |                                       |
| (Column 1)   |   |   |   | (Column 2)                                       |                           |                                       |
| AMENDMENT  | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR   | PRESENT<br>EXTRA                            | RATE (\$)  | ADDITIONAL<br>FEE (\$)    | RATE (\$)                             |
|  | Total (37 CFR 1.16(h))                    | * *   | Minus                                       | **   | = =                       | ADDITIONAL<br>FEE (\$)                |
| Independent (37 CFR 1.16(h))   | * *                                       | Minus   | ***   | = =  | X \$ =                    | X \$ =                                |
| <input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))                           |   |   |   |  |                           |                                       |
| <input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) |   |   |   |  |                           |                                       |
| (Column 1)   |   |   |   | (Column 2)                                       |                           |                                       |
| AMENDMENT  | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR   | PRESENT<br>EXTRA                            | RATE (\$)  | ADDITIONAL<br>FEE (\$)    | RATE (\$)                             |
|  | Total (37 CFR 1.16(h))                    | * *   | Minus                                       | **   | = =                       | ADDITIONAL<br>FEE (\$)                |
| Independent (37 CFR 1.16(h))   | * *                                       | Minus   | ***   | = =  | X \$ =                    | X \$ =                                |
| <input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))                           |   |   |   |  |                           |                                       |
| <input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) |   |   |   |  |                           |                                       |
| (Column 1)   |   |   |   | (Column 2)                                       |                           |                                       |
| AMENDMENT  | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR   | PRESENT<br>EXTRA                            | RATE (\$)  | ADDITIONAL<br>FEE (\$)    | RATE (\$)                             |
|  | Total (37 CFR 1.16(h))                    | * *   | Minus                                       | **   | = =                       | ADDITIONAL<br>FEE (\$)                |
| Independent (37 CFR 1.16(h))   | * *                                       | Minus   | ***   | = =  | X \$ =                    | X \$ =                                |
| <input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))                           |   |   |   |  |                           |                                       |
| <input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) |   |   |   |  |                           |                                       |
| (Column 1)   |   |   |   | (Column 2)                                       |                           |                                       |
|  |   |   |   |  |                           |                                       |